



2010 Pontiac G6

The Pontiac G6 is the company's midsize car that replaced the smaller, blander Grand Am in 2005. Based on General Motors' lengthened "Epsilon" platform, the Pontiac G6 is available as a sedan, coupe and a convertible with a retractable hardtop. Three trim levels are offered on the Pontiac G6 sedan: base, GT and GXP. Coupes are either GTs or GXPs, convertibles GT only.



1. 2010 Pontiac G6



**2. Code Series: G0000-G3631
Key Blank: Ilco B111-PT
Service Key: Ilco B106-P
Transponder Information: Circle+**

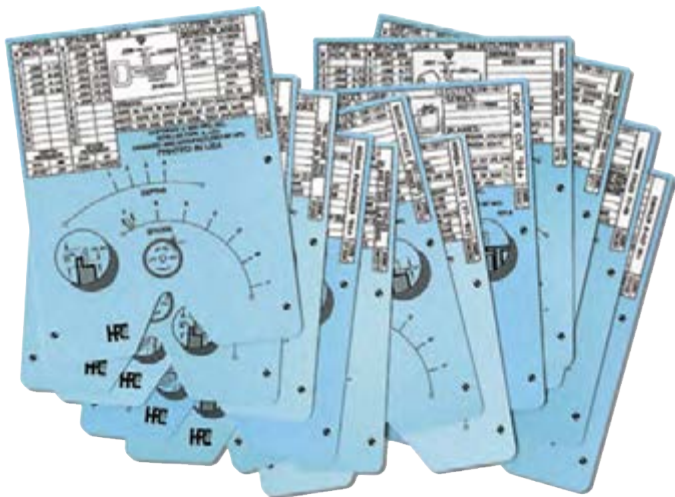
**3. HPC Key Machine
Information:
DSD: 263
HPC 1200CMB Card No.
CX263
HPC 1200PCH Card No.
PX263
Cutter: CW-1011
Jaw Type: A
Gauge: Black Tip Stop**



Here's a great website for Automotive Locksmiths:

www.TheNationalLocksmith.com

Chat, Forums, Editorial,
Online Store, Tech Support



4. Depth & Space Dimensions:
Space/Inch: 1=1034, 2=942, 3=850, 4=757, 5=665, 6=573,
 7=481, 8=389, 9=297, 10=205
Depth/Inch: 1=327, 2=306, 3=286, 4=265, 5=245



5. HPC Car Opening Authority® Technique TC-2 / Button Clutch, Part Number CO-87. Similar to HPC's patented Vertical and Horizontal Clutch™ Tools and Super Snare, this compact action tool will grab lock buttons and not let go! Combined with an HPC Air Wedge®, this hybrid tool will make your next auto opening quick and effortless!

National Locksmith Automobile Association™

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Manufacturers: Interested in
 offering rebates or discounts to
 NLAA members? Contact Marc
 Goldberg at the Home Office

**6. Recommended Tool/Kit: Button Clutch Killer
 Kit, Part Number AKK-BC. The Button Clutch™
 Killer Kit is a money-saving point-of-purchase
 packaged kit that includes: Button Clutch™
 No. CO-87, Ultimate Auto Wedge No. AW-38,
 AutoSleeve™ No. AS-1**





7. Carefully wedge a gap at the window and frame using the HPC No.AW-99 Air Wedge®. Use the HPC No.AS-1 AutoSleeve™ to prevent damage to the weather stripping and automobile finish. Note: Extra care should be taken when prying the door away from the door frame.

8. Insert the HPC Button Clutch, Part Number CO-87 through the gap. Position the snare tip of the tool around the door button, snag button and pull upward on the tool pulling up button. Remove tool and deflate Air Wedge® before opening door.

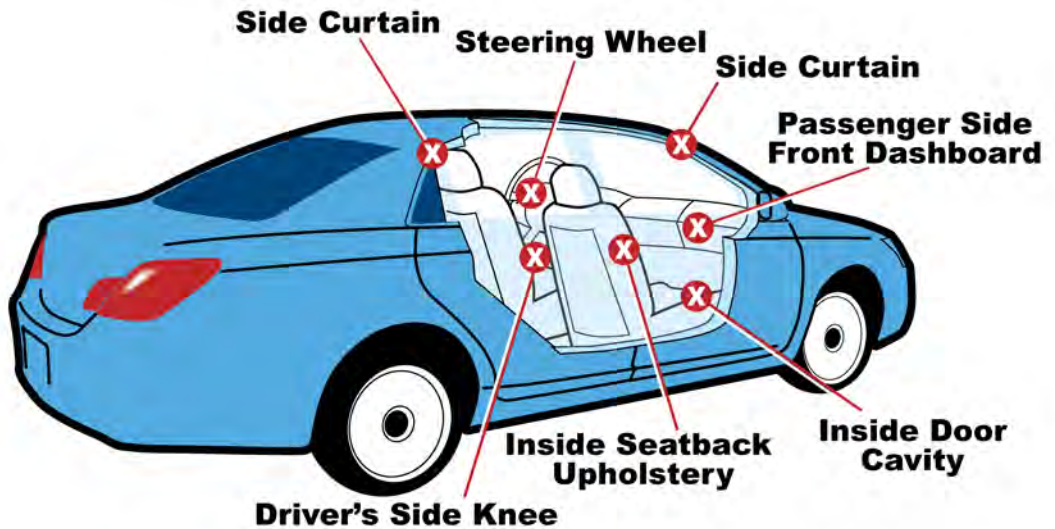


9. If the vehicle keys are locked in the trunk, reach for the trunk release button on driver side door panel.



10. Lock Picking Style: HPC Car Opening Authority Technique PX: Ignition Lock: Acc./On/Start = CW, Off/Lock = CCW. Driver Side Door Lock: Lock = CW, Unlock = CCW. Passenger Side Door Lock: None. Trunk/Hatch Lock: Unlock = CW. Glove Box: None.

11. Vehicle Air Bag Locations: Driver Side Steering Wheel, Seatback, Side Curtain, Passenger Side Front Dash.



Ignition Lock

12. Ignition Lock Removal: Dash Mount. Tumblers: 8/ Tumbler Positions: 1-8. Vehicle Code on Cylinder: None. Transponder: Circle+.

13. Carefully pull outward on cylinder trim ring. This ring snaps into place.



14. Remove side dash panel. (2 snap clips)

15. Remove bottom portion of dash panel. 5 (7mm) bolts.





16. Remove diagnostic port plug from bottom panel and set panel aside.

17. You are now able to see and reach depression pin. With lock in "On" position, depress on cylinder depression pin located at the four o'clock portion of ignition lock housing.



18. Pull outward on ignition lock to remove.

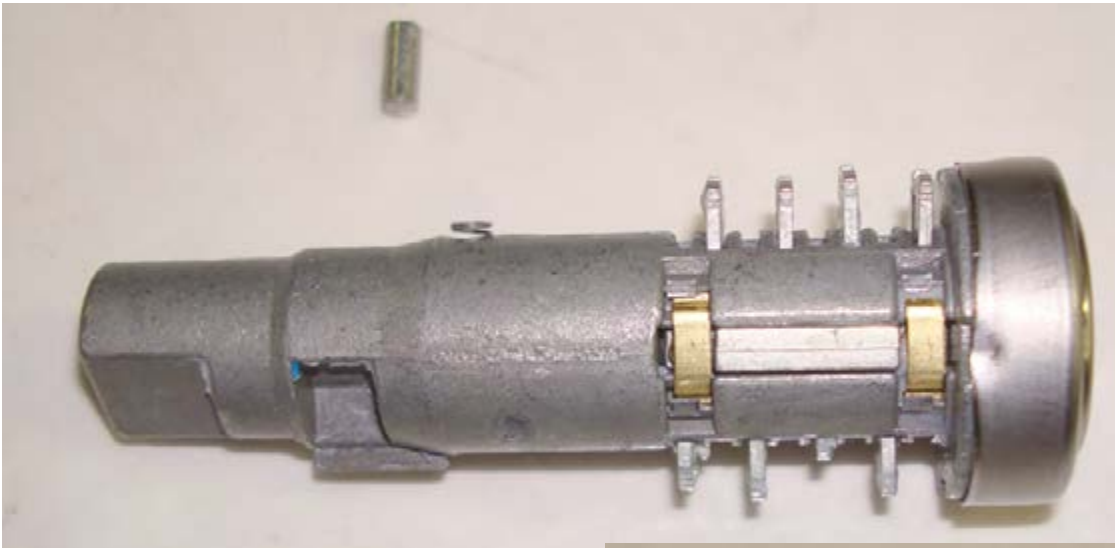
19. Picture of ignition lock.



20. To disassemble ignition lock, carefully remove depression pin only. Do not over bend tension spring.

21. Push back on core holding pin to slide core out from housing.





22. Picture of ignition lock core with side bar.

23. Picture of ignition lock parts.



Door Lock

24. Door Lock Removal.
Tumblers: 7 / Tumbler
Positions: 2-8. Vehicle
Code on Cylinder:
None.

25. HPC Specialty Tools Needed: HPC AST6 Door clip removal tool.



26. At door edge, remove screw access cap and 1 (T-25) screw.

27. Remove handle portion of lock face cap.





28. Slide handle towards door edge and pull outward to remove.

29. Door Panel Removal. Although it may look like you can remove the door cylinder without removing the door panel, the door cylinder is held into place by a wire C-Clip and has a driver attached to the cylinder.



30. Remove 1 (T-30) screw at lever release. Pull outward and disconnect power lock plug.

31. At armrest cup, remove 2 (T-30) screws and remove power window assembly. Remove door panel.



32. Pull back on door liner to access door lock.

33. Reach into door cavity and disconnect linkage to remove lock housing. Notice wire clip holding cylinder into place.



34. Picture of door lock.



35. Tumblers are visible through drain hole.



36. To disassemble door lock, remove face cap, c-clip and driver.





37. Picture of door lock core.



**38.
Picture of
door lock
parts.**



Trunk Lock

**39. Trunk Lock Removal.
Tumblers: 7 / Tumbler
Positions: 2-8. Vehicle
Code on Cylinder: None.**



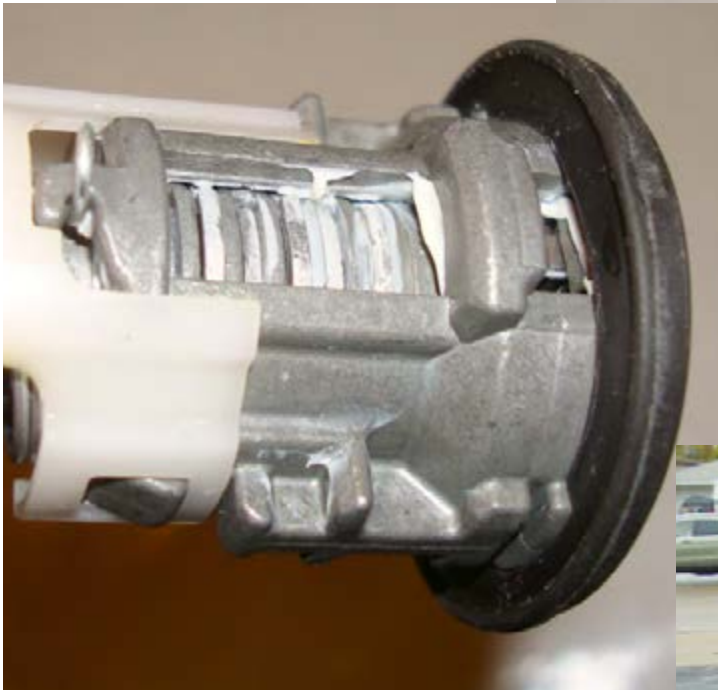
40. Disconnect power lock plug.

41. Remove C-Clip.



42. Pull outward on trunk lock to remove.

43. Picture of trunk lock.



44. Tumblers are visible through drain hole.

45. Picture of front of vehicle.





46. Picture of rear of vehicle.



47. Picture of driver side of vehicle.



48. Picture of passenger side of vehicle.